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SUNOMA • GERLACH Resource Area

Rangeland Program Summary

United States Department of the Interior
Bureau of Land Management
Winnemucca District Office
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INTRODUCTION

The Final Sonoma-Gerlach Grazing Environmental Impact Statement (EIS) was completed in September of 1981. It analyzed a proposed rangeland management program, along with several alternatives, for livestock grazing, wildlife habitat resources, and wild horse and burro grazing for the Winnemucca District's Sonoma-Gerlach Resource Area. Upon completion of the Environmental Impact Statement, the District began the last phase of the planning process for these resource management programs for the purpose of determining final land use decisions. A summary of these decisions was reported in the August 1982 Record of Decision for the Final Sonoma-Gerlach Grazing Environmental Impact Statement.

The Bureau has decided to adopt an integrated plan using components of both the Proposed Action and Livestock Reduction/Maximizing Wild Horses and Burros Alternatives. Adjustments in grazing use will be based upon rangeland monitoring and/or agreements. Priorities for implementation of intensive management by allotment will be accomplished through the selective management approach, as specified in the Final Grazing Management Policy (Washington Office Instruction Memorandum No. 82-292).

This Rangeland Program Summary (RPS) has been designed to inform interested persons about the implementation of the rangeland management program, as set forth in the planning decisions of the 1982 Sonoma-Gerlach Management Framework Plan. The RPS explains the process of establishing initial and subsequent levels of livestock grazing use, discusses the rangeland improvement program and describes the rangeland monitoring program upon which grazing decisions will be based. The RPS will also serve as a basis for discussion during the subsequent consultation and coordination period.

The Sonoma-Gerlach Resource Area covers approximately 4.5 million acres of BLM-administered public lands. Approximately 1.5 million acres of private, state, and other lands are scattered throughout these public lands. In addition, the Summit Lake and Pyramid Lake Indian Reservations are located within or adjacent to the resource area.

OBJECTIVES OF THE PROGRAM

The long-range objectives of the grazing management program are to manage, maintain, and improve the rangeland conditions on the public lands through the following:

- a. Improve and maintain a sufficient quantity, quality, and diversity of habitat and forage for livestock, wildlife, wild horses and burros on a sustained yield basis through natural regeneration and/or artificial methods,
- b. improve the vegetation resource by considering the physiological needs of key management species in the development of activity plans,
- c. reduce soil erosion and enhance watershed values by increasing ground cover and litter,

- d. improve the health and productivity of wild horses and burros by maintaining a natural ecological balance of wild horses and burros on public lands, and
- e. improve and maintain the condition of the riparian and stream habitat.

MANAGEMENT IMPLEMENTATION

The method for implementing the rangeland management program will take place through monitoring and/or agreements.

Grazing adjustments, if required, will be based upon reliable vegetation monitoring studies and/or CRMP (Coordinated Resource Management Plans) committee recommendations, and/or individual agreements and/or baseline inventory, or a combination of these. These studies will be obtained from an intensive, coordinated monitoring effort in which all affected interest groups are encouraged to participate.

The formal process of consultation and coordination may involve the Lovelock or Gerlach CRMP committees or other such committees. The CRMP committees bring together all interests concerned with the management of resources in a given local area: landowners, land management agencies, resource users, wildlife groups, wild horse and burro groups, conservation organizations, etc.

The consultation/coordination process would not necessarily require participation by the formal CRMP committees. The process may be accomplished in a more informal manner, initiated by either the BLM or the range user. Regardless of the approach, all affected interests will be afforded the opportunity to actively participate in the process.

PRIORITIES FOR IMPLEMENTATION

The selective management approach will be used to implement the rangeland management program. Selective management classifies allotments into three categories: "M" (Maintain), "I" (Intensive), or "C" (Custodial).

All allotments were grouped into these categories according to their management needs, potential for improvement, and Bureau funding/manpower constraints following consultation with interested groups and individuals through the CRMP process. The process of categorization of allotments is the completion of Component No. 1 in the Final Rangeland Improvement Policy (Washington Office Instruction Memorandum No. 83-27) for the resource area.

"I" category allotments will receive the highest priority for development of intensive grazing management through the consultation and coordination process. "M" category allotments will receive second priority, while "C" category allotments will be third priority. Refer to Table I for a list of allotments by category and allotment priority.

Also, the next RPS update will include the completion of analysis component No. 2 (Ranking Investments) as described in the Final Rangeland Improvement Policy. The purpose of analysis component No. 2 is to help managers integrate economic, resource and social objectives in selecting, ranking, and scheduling investments.

Table I
Sonoma-Gerlach Resource Area
Selective Management Categorization 1/

<u>Priority</u>	<u>Allotment Name</u>	<u>Categorization <u>2/</u></u>
1	Soldier Meadows	I
2	Buffalo Hills	I
3	Calico	I
4	Rodeo Creek	I
5	Blue Wing	I
6	Seven Troughs	I
7	Clear Creek	I
8	Dolly Hayden	I
1	Sonoma	M
2	Rock Creek	M
3	Melody	M
4	Harmony	M
5	Goldbanks	M
6	Coyote	M
7	Rye Patch	M
8	Leadville	M
9	Coal Canyon-Poker	M
1	Pleasant Valley	C
2	Star Peak	C
3	Majuba	C
4	Pumpernickel	C
5	Desert Queen	C
6	White Horse	C
7	Klondike	C
8	Rochester	C
9	Rawhide	C
10	Diamond S	C
11	Thomas Creek	C
12	Prince Royal	C
13	Pole Canyon	C
14	Ragged Top	C
15	Humboldt House	C
16	Humboldt Sink	C
	South Buffalo (Battle Mountain)	M
	North Buffalo (Battle Mountain)	C
	Jersey Valley (Carson City)	C
	Cottonwood (Carson City)	C

1/ Implementation of the Rangeland Management Program for allotments located within the Winnemucca District but administered by other BLM districts will be based upon their (the administering district) established priority.

2/ I category allotments were limited in number based in part on anticipated (estimated) funding and manpower capabilities in the next ten years.

Implementation of Grazing Use Adjustments

Grazing use adjustments where needed will be implemented either through agreements with permittees or through decisions based upon monitoring evaluations. On allotments without sufficient monitoring data currently available and/or without an agreement for grazing use stocking levels, the following base herbivore grazing levels will be used as a starting point for monitoring purposes:

- | | |
|-------------------------------|--|
| <u>Livestock</u> | - Active preference or negotiated adjustments, |
| <u>Wildlife</u> | - Reasonable numbers as established by BLM
and the Nevada Department of Wildlife, and |
| <u>Wild Horses and Burros</u> | - Existing/current WH&B numbers (as of July 1,
1982) except where one of the following conditions
exist. |
- a. Numbers are established by adequate and supportable resource data,
 - b. numbers are established through the CRMP process as documented in CRMP recommendations and agreed to by the District Manager,
 - c. numbers are established by formal signed agreement between affected interests,
 - d. numbers are established through previously developed interim capture/management plans; plans are still supportable by parties consulted in the original plan; EAs (EARs) were prepared and are still valid, or
 - e. numbers are established by court order.

Grazing use adjustments in the Sonoma-Gerlach Resource Area will be implemented through one of the following three methods.

a. Agreements to Make Adjustments

Where grazing use agreements have been negotiated, no decision will be issued. All agreements must document initial stocking levels, periods-of-use, regular nonuse to be taken, length of time the agreement is in effect, overall management objectives, the monitoring data to be collected, monitoring procedures, evaluations, and the resulting management actions to be taken. These agreements will be based upon the best available data, but will not preclude the future establishment of intensive grazing systems, use adjustments or other management practices that may be necessary for proper management of the rangeland resources. Adjustments based upon additional monitoring data gathered will be implemented by a decision or through agreements that will initiate the five-year implementation period. Table II indicates those allotments where agreements to make adjustments to grazing use will be implemented.

b. Agreements or Decisions to Gather Additional Monitoring Data

Where allotment monitoring data is not available to make adjustments, the stocking levels will remain at the base herbivore grazing levels established by the land use plan, until adequate monitoring data is gathered and/or use agreements can be initiated. Use agreements and/or individual monitoring plans will be completed based upon the priorities established in the selective management approach and/or through the consultation and coordination process. Individual allotment monitoring plans will be initiated through agreements or decisions to gather additional monitoring data. These agreements or decisions to monitor will document the necessary actions needed to gather additional monitoring data:

1. Resource issues (MFP),
2. allotment objectives,
3. monitoring procedures,
4. monitoring evaluations, and
5. subsequent adjustments to grazing management.

Adjustments to grazing use based upon the additional data gathered shall be implemented through an agreement or by a decision that will "start the clock" on the five-year implementation period. Table II indicates those allotments where agreements or decisions to gather additional monitoring data will be implemented.

c. Decisions to Make Adjustments

Where monitoring data exists to support grazing use adjustments and an agreement cannot be reached, a decision will be issued to "start the clock" on the five-year implementation period. These adjustments in grazing use may include but are not limited to season-of-use, period-of-use, animal numbers, kind/class of grazing animals, or a combination of these. Table II indicates those allotments where decisions to make adjustments based on monitoring data will be implemented.

Progress of Program Implementation

The following Table II summarizes progress made towards program implementation of the land use plan (Management Framework Plan). Specifically, the table illustrates the progress made in developing management plans through a coordinated management approach in resolving resource conflicts and accomplishing planned objectives. Existing use by allotment for livestock, wildlife, wild horses and burros is compared to planned management objectives and the necessary range improvements and monitoring scheme to determine effectiveness in accomplishing these objectives. Completed monitoring actions and range improvements accomplished since the final EIS are shown to depict progress of on-the-ground management implementation. Also, shown are the projected implementation methods for making grazing use adjustments (Agreement vs. Decision).

Table II
Progress of Program Implementation Sonoma-Gerlach Resource Area

Kind of Plan	Allotment/Operator	Selective Management Category	Initial Stocking Level 1/ (AUMs)	LIVESTOCK		WILDLIFE		WILD HORSES AND BURROS		Identified Monitoring Plan 2/ Components	Completed Monitoring Actions	RANGE IMPROVEMENT PROJECTS				Program Implementation Method
				Management Objectives 1/	Existing Use (AUMs)			Management Objectives 1/	Existing Use (AUMs)			PLANNED 3/		COMPLETED		
					Deer	Antelope	Bighorn Sheep					Units	Type	Units	Type	

I. Current Planning Efforts

This section of the table addresses those allotments where specific management plans have been developed or are now in the process of development. The "I" allotments listed are those where the RLM will concentrate public funds, supplemented with private contributions in an effort to complete the necessary range improvements required to implement the management plans.

CRMP	Buffalo Hills/ A. Jackson, G. Selmi	I	5,730 739 69 Unallo- cated: 4,922	Improve range condition and forage availability to sustain 5,730 AUMs for livestock grazing. Development and approval of the Coordinated Resource Management Plan (CRMP) including monitoring plan through the Buffalo Hills CRMP committee. Management livestock grazing to increase 434 acres to excellent, 16,722 acres to good, and 14,853 acres to fair ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	6,280	630	108	Provide rangeland habitat for reasonable wildlife demand as follows: Deer 6,294 AUMs Antelope 1,016 AUMs Bighorn Sheep 1,142 AUMs Limit new trail or road construction on potential sheep range to minimize access. The primary management objectives on 7,680 acres is to provide crucial wildlife habitat for mule deer. Domestic livestock use will be secondary and complementary to this primary use. The primary management objective on all or portions of 33 sections is to provide crucial wildlife habitat for bighorn sheep. Domestic livestock use will be secondary and complementary to this primary use. Limit off-road vehicle use during the lambing seasons (February 1 to May 31) in bighorn sheep use areas. Maintain and improve habitat for the California bighorn sheep. Develop a Habitat Management Plan through coordinated planning on each of the following streams: Red Mountain Creek Cottonwood Creek	14,256	Manage rangeland habitat to provide forage for 6,660 AUMs of wild horses/burro use. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Wild horses 8. Riparian and aspen habitat 9. Aquatic habitat 10. Water quality	Resource area monitoring plan completed. Preliminary selection of some key management areas completed. Preliminary range study implementation completed. Habitat evaluation completed in 3 wildlife use areas. One wildlife utilization study implemented.	26,623 acres 2,608 acres 3,269 acres 25 miles 1 each	plow & seed reseed seed fence cattle-guard	0 0 0 0 0	0 0 0 0 0	Agreement for initial stocking levels and monitoring plan to make adjustments accordingly.
CRMP	Calico/A. P. Jackson	I	2,584	Improve range condition and forage availability to sustain 2,584 AUMs for livestock grazing. Completion and approval of CRMP plan including monitoring plan by Buffalo Hills CRMP committee. Manage livestock grazing to increase 4,097 acres from poor and fair to good, and 124 acres from good to excellent ecological condition.	44	22	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 46 AUMs Antelope 44 AUMs Bighorn Sheep 86 AUMs Reintroduce bighorn sheep.	1,248	Manage rangeland habitat to provide forage for 504 AUMs of wild horse use. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Wild horses 8. Riparian and aquatic habitat	Resource area monitoring plan completed. Preliminary selection of some key management areas completed. Preliminary range study implementation completed. One wildlife meadow study implemented.	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	Agreement for initial stocking levels and monitoring plan to make adjustments accordingly.	
CRMP	Blue Wing/ C-Punch Corporation, B. G. Bunyard Wesley Cook	I	24,329 21,460 1,505 1,364	Improve range condition and forage availability to sustain 24,329 AUMs for livestock grazing. Combine with Seven Troughs Allotment and consider both allotments as one. Approval of CRMP including monitoring plan through the Lovelock CRMP committee. Manage livestock grazing to increase 165,100 acres from poor and fair to good, and 3,908 acres from good to excellent ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	865	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 701 AUMs Antelope 49 AUMs Bighorn Sheep 106 AUMs Two months rest during the growth period (4/15-6/15) in critical wildlife areas over 5,000 feet in elevation. The potential to restrict vehicle access to the tops of the Selenite Range during the critical sage grouse brooding season (6/1-8/31). Reintroduce bighorn sheep.	11,220	Manage rangeland habitat to provide forage for 6,240 AUMs of wild horse/burro use on the non-checkerboard land. Remove all wild horses/burros from checkerboard land in accordance with MFP III decision. Perpetuate the existing population of spotted and pinto burros. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Wild horses and burros 8. Riparian and meadow habitat	Resource area monitoring plan completed. Preliminary selection of key management areas completed. Preliminary range study implementation completed on some sites. Habitat evaluation completed in 3 wildlife use areas.	31 mi. 12 miles 4 each 2 each 13 miles 3 each 18 each 10,240 acres	fence elec. fence cattle-guard spring pipe-line well trough chem. control	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	Agreement for initial stocking levels and monitoring plan to make adjustments accordingly.
CRMP	Seven Troughs/ C-Punch Corporation, Dufurrena Sheep Co., John Espil	I	9,523 4,404 1,492 3,627	Improve range condition and forage availability to sustain 9,523 AUMs for livestock grazing. Combine with Blue Wing Allotment and consider both as one allotment. Approval of CRMP including monitoring plan through the Lovelock CRMP committee.	611	1	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 495 AUMs Antelope 26 AUMs Bighorn Sheep 0 AUMs Two months rest during the growth period (4/15-6/15) in critical wildlife areas over 5,000 feet in elevation, in the Seven Troughs Range.	11,736	Manage rangeland habitat to provide forage for 6,000 AUMs of wild horse/burro use on the non-checkerboard land in accordance with MFP III decision. Perpetuate the existing population of spotted and pinto burros.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat	Resource area monitoring plan completed. Preliminary selection of key management areas completed.	35 mi. 12 miles 2 each 3 each	fence elec. fence spring well	0 0 0 0	0 0 0 0	Agreement for initial stocking levels and monitoring plan to make adjustments accordingly.

Table II
Progress of Program Implementation Sonoma-Gerlach Resource Area
(Continued)

Kind of Plan	Allotment/Operator	Selective Management Category	LIVESTOCK		WILDLIFE			WILD HORSES AND BURROS		Identified Monitoring Plan 2/	Completed Monitoring Actions	RANGE IMPROVEMENT PROJECTS				Program Implementation Method	
			Initial Stocking Level 1/ (AUMs)	Management Objectives 1/	Existing Use (AUMs)			Existing Use (AUMs)	Management Objectives 1/			PLANNED 3/		COMPLETED			
					Deer	Antelope	Bighorn Sheep					Units	Type	Units	Type		
Seven Troughs (Continued)																	
				Manage livestock grazing to increase 28,353 acres from poor and fair to good, and 827 acres from good to excellent ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible.				The potential to restrict vehicle access to the tops of the Seven Troughs Range during the critical brooding season for sage grouse (6/1-8/31).		Establish a herd monitoring system.	7. Wild horses and burros 8. Riparian and meadow habitat	Preliminary range study implementation completed on some sites.	5 miles 8 each 10 each 9,600 acres	pipe-line cattle-guard trough chem. control	0 0 0 0	0 0 0 0	
AMP	Sonoma/ Piquet Ranches, Inc.	M	1,510	Provide forage to sustain 1,510 AUMs for livestock grazing and improve ecological condition from fair to good on 3,310 acres, from good to excellent on 30 acres. Combine with Rock Creek Allotment and consider as one allotment. Review and update AMP. Consider increasing existing forage by artificial methods wherever appropriate and feasible. Review and update AMP.	39	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 141 AUMs Antelope 0 AUMs Bighorn Sheep 29 AUMs Reintroduce bighorn sheep. Develop RMPs through coordinated planning for: Sonoma Creek Elbow Canyon Creek	933	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian and aspen habitat 8. Aquatic habitat 9. Wild horses 10. Recreation use	Resource area monitoring plan completed. Key management area selection completed.	6,228 acres	plow & seed	0	0	Decision to monitor and, if necessary, make adjustments accordingly.
AMP	Rock Creek/ Piquet Ranches, Inc.	M	2,192	Provide forage to sustain 2,192 AUMs for livestock grazing and improve ecological condition from fair to good on 1,784 acres, from good to excellent on 379 acres. Combine with Sonoma Allotment and consider as one allotment. Consider increasing existing forage by artificial methods wherever appropriate and feasible. Review and update AMP.	38	0	0	Provide rangeland habitat for reasonable wildlife demand as follows: Deer 134 AUMs Antelope 0 AUMs Bighorn Sheep 43 AUMs Reintroduce bighorn sheep. Develop an RMP through coordinated planning for Rock Creek.	626	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Wild horses 8. Water quality 9. Aquatic habitat 10. Riparian and aspen habitat	Resource area monitoring plan completed. Key area selection completed. Preliminary range study implementation completed.	1,284 acres 1,474 acres	plow & seed seeding	0 0	0 0	Decision to monitor and, if necessary, make adjustments accordingly.
CRMP AMP	Goldbunks/ Roaring Springs, M. J. and J. F. Burke	M	2,051 160 1,891	Provide forage to sustain 2,051 AUMs for livestock grazing and improve ecological condition from fair to good on 4,100 acres, from good to excellent on 112 acres. Review and update AMP through the Lovelock CRMP. Approval of CRMP and monitoring plan through Lovelock CRMP committee. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	114	0	0	Provide rangeland habitat for reasonable wildlife demand as follows: Deer 92 AUMs Antelope 0 AUMs Bighorn Sheep 18 AUMs Reintroduce bighorn sheep.	40	Remove all wild horses and burros from checkerboard land in accordance with the MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat	Resource area monitoring plan completed. Key management area selection and range study implementation completed.	6,539 acres 1 1/2 miles 4 each 1 each	plow & seed pipe-line trough spring	0 0 0 0	0 0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.

II. Priority Planning Efforts

This section of the table addresses those allotments that have a high priority for development of intensive grazing management and monitoring plans. Future emphasis in specific allotment management plans will be placed on these allotments within the resource area.

General Land Use Plan	Soldier Meadows/Son Fairp	I	16,070	Improve range condition and forage availability to sustain 16,070 AUMs for livestock grazing. Manage livestock grazing to increase 2,950 acres to excellent, 31,913 acres to good, and 9,463 acres from poor to fair ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	747	216	0	Provide rangeland habitat for reasonable wildlife demand as follows: Deer 786 AUMs Antelope 429 AUMs Bighorn Sheep 264 AUMs Reintroduce bighorn sheep. Designate 307 acres surrounding the hot springs near Soldier Meadows ranch as an AOEC. Acquire by exchange or other means those private lands that contain high resource values within the Lahontan Outthroat Trout Natural Area. Maintain and improve habitat for Lahontan cutthroat trout.	13,344	Manage rangeland habitat to provide forage for 10,140 AUMs of wild horse and burro use.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife and aquatic habitat 7. Riparian and aspen habitat 8. Wild horses 9. Sensitive species 10. Water quality 11. Mountain mahogany 12. Mountain browse	Resource area monitoring plan completed. Key management area selection and range study implementation completed on some sites. One meadow study and one mahogany study implemented. One wildlife use area evaluated.	46 miles 4 each 10,003 acres	fence cattle-guard plow & seed	0 4 each 0	0 cattle-guard 0	Decision to monitor and, if necessary, make adjustments accordingly.
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Kind of Plan	Allotment/Operator	Selective Management Category	LIVESTOCK		WILDLIFE				WILD HORSES AND BURROS		Identified Monitoring Plan 2/ Components	Completed Monitoring Actions	RANGE IMPROVEMENT PROJECTS				Program Implementation Method
			Initial Stocking Level 1/ (AUMs)	Management Objectives 1/	Existing Use (AUMs)			Management Objectives 1/	Existing Use (AUMs)	Management Objectives 1/			PLANNED 3/		COMPLETED		
					Deer	Antelope	Bighorn Sheep						Units	Type	Units	Type	
Soldier Meadows (Continued)									A Habitat Management Plan has been developed on the following streams: Summer Camp Creek Mahogany Creek								
General Land Use Plan	Dolly Hayden/ William H. Casey	I	3,338	Provide forage to sustain 3,338 AUMs for livestock grazing and to improve ecological condition from fair to good on 7,281 acres, from good to excellent on 467 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	84	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 68 AUMs Antelope 0 AUMs Bighorn Sheep 18 AUMs Reintroduce bighorn sheep.	573	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian habitat 8. Wild horses	Resource area monitoring plan completed. Preliminary selection of range studies completed and some sites.	2,102 acres 960 acres 6 miles	reseed plow & seed fence	0 0 0	0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	Rodeo Creek/ W. J. Ceresola Estate	I	6,462	Improve range condition and forage availability to sustain 6,462 AUMs of livestock grazing. Manage livestock grazing to increase 13,634 acres from poor and fair to good, and 39 acres from good to excellent ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	175	68	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 177 AUMs Antelope 137 AUMs Bighorn Sheep 150 AUMs Reintroduce bighorn sheep.	4,464	Manage rangeland habitat to provide forage for 4,020 AUMs of wild horse/burro use. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian habitat 8. Wild horses	Resource area monitoring plan completed. Selection of key management areas and range studies completed on some sites.	2,219 acres 30 miles 4 each 8 each	brush control & seed fence well trough	0 0 0 0	0 0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	Clear Creek/ William H. Casey, Roaring Springs Associates	I	2,837 2,467 370	Provide forage to sustain 2,837 AUMs for livestock grazing and improve ecological condition from fair to good on 6,417 acres, from good to excellent on 166 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	50	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 176 AUMs Antelope 0 AUMs Bighorn Sheep 20 AUMs Reintroduce bighorn sheep. Through coordinated planning, develop an RMP for Clear Creek.	120	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian and aspen habitat 7. Wildlife habitat 8. Wild horses 9. Aquatic habitat	Resource Area Monitoring Plan completed. Preliminary selection of key management areas completed. Preliminary selection of range studies completed on some sites.	10,664 acres 7 miles 1 each	plow & seed fence cattle-guard	0 0 0	0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
III. Future Planning Efforts																	
This section of the table addresses those allotments that have a lower priority within the resource area for development of grazing management plans. This includes those allotments where current management practices may be satisfactory or where only minor changes are necessary. Monitoring plans and new management plans or changes in current management will be less intensive. Completion of range improvements to implement these plans will depend primarily upon private contributions.																	
AMP	Melody/ John Aitken	M	1,020	Provide forage to sustain 1,020 AUMs for livestock grazing. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	0	0	0		0	In accordance with public law, wild horses and burros will not be maintained or relocated on lands where they do not presently exist.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance	Resource area monitoring plan completed. Key area selection and study implementation completed.	3,737 acres	reseed	0	0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	Hamony/ Pedroli Estate John Aitken	M	348 195 189	Provide forage to sustain 348 AUMs for livestock grazing and to improve ecological condition from poor to fair on 123 acres, from fair to good on 220 acres, from good to excellent on 102 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	27	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 95 AUMs Antelope 0 AUMs Bighorn Sheep 7 AUMs Reintroduce bighorn sheep.	67	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian and aspen habitat 7. Wildlife habitat 8. Wild horses 9. Threatened and endangered plants	Resource area monitoring plan completed. Preliminary range study implementation completed on some sites.	3,114 acres	plow & seed	0	0	Decision to monitor and, if necessary, make adjustments accordingly.

Table II
Progress of Program Implementation Sonoma-Gerlach Resource Area
(Continued)

Kind of Plan	Allotment/Operator	Selective Management Category	LIVESTOCK		WILDLIFE			WILD HORSES AND BURROS		Identified Monitoring Plan 2/ Components	Completed Monitoring Actions	RANGE IMPROVEMENT PROJECTS				Program Implementation Method		
			Initial Stocking Level 1/ (AUMs)	Management Objectives 1/	Existing Use (AUMs)			Existing Use (AUMs)	Management Objectives 1/			PLANNED 3/		COMPLETED				
					Deer	Antelope	Bighorn Sheep					Units	Type	Units	Type			
AMP	Coyote/ Bill Spoo, Wes Cook	M	3,051 2,734 317	Improve range condition and forage availability to sustain 3,051 AUMs for livestock grazing. Approval of CRMP including monitoring plan by Buffalo Hills CRMP committee. Manage livestock grazing to increase 4,725 acres from poor and fair to good, and 308 acres from good to excellent ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible. Review and update AMP.	35	234	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 35 AUMs Antelope 411 AUMs Bighorn Sheep 7 AUMs Reintroduce bighorn sheep.	0	In accordance with Public Law, wild horses/burros will not be maintained or relocated on lands where they do not presently exist.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat	Resource area monitoring plan completed. Preliminary selection of key management areas completed. Preliminary range study implementation completed.	4,204 acres	sage-brush control & seed	0	0	2 each cattle-guard	Decision to monitor and, if necessary, make adjustments accordingly.
AMP	Rye Patch/ Rye Patch Ranch, Inc. Star Sheep Co.	M	1,981 1,816 165	Provide forage to sustain 1,981 AUMs for livestock grazing and improve ecological condition from fair to good on 4,096 acres, and from good to excellent on 273 acres. Review and update AMP. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	81	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 66 AUMs Antelope 0 AUMs Bighorn Sheep 24 AUMs Reintroduce bighorn sheep.	986	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian habitat 7. Wild horses 8. Aquatic habitat	Resource area monitoring plan completed. Selection of key management areas completed on some sites.	6,072 acres	plow & seed	0	0		Decision to monitor and, if necessary, make adjustments accordingly.
AMP	Leadville/ Fred Chez	M	2,567	Improve range condition and forage availability to sustain 2,567 AUMs of livestock grazing. Manage livestock grazing to increase 5,711 acres from poor and fair to good, and 437 acres from good to excellent ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible. Review and update AMP.	178	38	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 179 AUMs Antelope 67 AUMs Bighorn Sheep 176 AUMs Reintroduce bighorn sheep.	3,348	Manage rangeland habitat to provide forage for 2,976 AUMs of wild horse use. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Wild horses 8. Riparian and meadow habitat	Resource area monitoring plan completed. Selection of key management areas completed. Establishment of range studies completed.	6,054 acres	sage-brush control & seed	0	0		Decision to monitor and, if necessary, make adjustments accordingly.
AMP	Coal Canyon-Poker/ Star Sheep Co., Abigail Duncan, Bingo Wesner	M	3,144 492 2,588 64	Provide forage to sustain 3,144 AUMs for livestock grazing and to improve ecological condition from poor to fair on 13,082 acres, from fair to good on 4,213 acres, and from good to excellent on 117 acres. Review and update allotment monitoring plan. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	120	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 97 AUMs Antelope 1 AUM Bighorn Sheep 31 AUMs Reintroduce bighorn sheep.	533	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Wild horses 8. Riparian and meadow habitat	Resource area monitoring plan completed.	1 each well 2 each trough 4,865 acres	plow & seed	0	0	0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	South Buffalo/ Marvel Brothers (Administered by Battle Mountain District)	M	9,035	Provide forage to sustain 9,035 AUMs for livestock grazing and improve ecological condition from poor to fair on 1,054 acres, from fair to good on 24,617 acres, from good to excellent on 497 acres. Administer as part of the Buffalo Valley Allotment of the Battle Mountain District. Revise and update AMP as needed through Battle Mountain District.	471	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 318 AUMs Antelope 0 AUMs Bighorn Sheep 135 AUMs Reintroduce bighorn sheep.	240	Manage rangeland habitat to provide forage to sustain 216 AUMs of wild horse use. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian habitat		0 0	0 0	31 1 1/2 miles	fence pipe-line	0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	Pleasant Valley/ Paris Bros., John Darrah, Siard Bros., Robert Vesco	C	10,553 5,027 1,355 2,844 1,327	Provide forage to sustain 10,553 AUMs for livestock grazing and increase ecological condition from fair to good on 19,998 acres, and from good to excellent on 1,047 acres.	438	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 357 AUMs Antelope 0 AUMs Bighorn Sheep 97 AUMs Reintroduce bighorn sheep.	2,052	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance	Resource area monitoring plan completed.	22 miles 1 each well 2 each trough	fence well	0 0	0 0	0	Decision to monitor and, if necessary, make adjustments accordingly.

Table II
Progress of Program Implementation Sonoma-Gelach Resource Area
(Continued)

Kind of Plan	Allotment/Operator	Selective Management Category	LIVESTOCK		WILDLIFE			WILD HORSES AND BURROS		Identified Monitoring Plan 2/ Components	Completed Monitoring Actions	RANGE IMPROVEMENT PROJECTS				Program Implementation Method
			Initial Stocking Level 1/ (AUMs)	Management Objectives 1/	Existing Use (AUMs)			Existing Use (AUMs)	Management Objectives 1/			PLANNED 3/		COMPLETED		
					Deer	Antelope	Bighorn Sheep					Units	Type	Units	Type	
General Land Use Plan	Star Peak/ Gene Thacker, Star Sheep Co. Paul Knoop, Unallocated	C	3,722 261 2,426 385 650	Provide forage to sustain 3,722 AUMs for livestock grazing and to increase ecological condition from poor to fair on 6,853 acres, from fair to good on 5,298 acres, and from good to excellent on 151 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	536	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 434 AUMs Antelope 0 AUMs Bighorn Sheep 8 AUMs Reintroduce bighorn sheep.	1,825	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian and aspen habitat 7. Wild horses 8. Wildlife habitat 9. Aquatic habitat 10. Water quality	Resource area monitoring plan completed.	26 miles 2 miles 3 each 2 each 6,733 acres	fence pipe-line trough spring dev. plow & seed	0 0 0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	Majuba/ Tharalson and Duncan	C	1,100	Improve range condition and forage availability to sustain 1,100 AUMs for livestock grazing. Manage livestock grazing to increase 2,817 acres from poor to fair, 16,093 acres from fair to good, 2,214 acres from poor to good, and 603 acres from good to excellent condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	70	21	0	Provide rangeland habitat for reasonable wildlife demand as follows: Deer 57 AUMs Antelope 92 AUMs Bighorn Sheep 0 AUMs	1,385	Remove all wild horses and burros from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian habitat 8. Wild horses	Resource area monitoring plan completed.	7,883 acres 17 mi. 2 each 1 each 2 each	plow & seed fence cattle-guard well trough	0 0 0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	Pumpnickel/ Hugh A. Tipton Clay and Jean Tipton Piquet Ranches, Inc. Roaring Springs Associates	C	9,437 840 582 1,209 6,806	Provide forage to sustain 9,437 AUMs for livestock grazing and to improve ecological condition from fair to good on 15,493 acres from good to excellent on 950 acres.	106	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 222 AUMs Antelope 0 AUMs Bighorn Sheep 38 AUMs Reintroduce bighorn sheep.	347	Manage rangeland habitat to provide forage to sustain 432 AUMs for wild horse use. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian habitat 8. Wild horses 9. Aquatic habitat 10. Threatened and endangered plants	Resource area monitoring plan completed. Preliminary range studies completed on some sites.	18 miles	fence	0	0
General Land Use Plan	Desert Queen/ W. J. Ceresola Estate, Safford and Safford	C	3,355 3,277 78	Improve range condition and forage availability to sustain 3,355 AUMs for livestock grazing. Manage livestock grazing to increase 14,349 acres from poor and fair to good, and 369 acres from good to excellent ecological condition.	0	0	0	Manage and improve rangeland habitat to provide for possible reintroductions of wildlife species if considered appropriate and feasible.	966	Remove all wild horses/burros from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Threatened and endangered plants	Resource area monitoring plan completed.	11 miles 6 each 12 each	fence well trough	0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	White Horse/ William H. Casey	C	1,773	Provide forage to sustain 1,773 AUMs for livestock grazing and to improve ecological condition from poor to fair on 1,898 acres, from fair to good on 1,307 acres, from good to excellent on 29 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	43	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 35 AUMs Antelope 0 AUMs Bighorn Sheep 7 AUMs Reintroduce bighorn sheep.	107	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian habitat 8. Wild horses	Resource area monitoring plan completed. Preliminary range study implementation completed. Preliminary key management area selection completed.	1,207 acres 3 miles 1 each 2 each	plow & seed fence well trough	0 0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	Klondike/ Coyote Creek Ranch	C	2,205	Provide forage to sustain 2,205 AUMs for livestock grazing and to improve ecological condition from poor to fair on 3,724 acres from fair to good on 4,122 acres.	70	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 57 AUMs Antelope 0 AUMs Bighorn Sheep 10 AUMs Reintroduce bighorn sheep.	347	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian habitat 7. Wild horses 8. Wildlife habitat	Resource area monitoring plan completed. Preliminary range study implementation completed on some sites.	9 miles 1 each 1 1/2 miles 1 each	fence cattle-guard pipe-line trough	0 0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.
General Land Use Plan	South Rochester/ Star Sheep Co. Paris Bros., Spring Valley Cattle Co., Don Sims	C	3,964 1,400 400 1,386 778	Provide forage to sustain 3,964 AUMs for livestock grazing and to improve ecological condition from poor to fair on 19,747 acres, from fair to good on 6,711 acres, from good to excellent on 557 acres.	56	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Antelope 0 AUMs Bighorn Sheep 15 AUMs Reintroduce bighorn sheep.	3,677	Manage rangeland habitat to provide forage to sustain 432 AUMs of wild horse use. Establish a herd monitoring system. Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wild horses 7. Wildlife habitat	Resource area monitoring plan completed. Preliminary range study implementation completed on some sites.	18 mi. 2 each 5 each 2 mi.	fence cattle-guard well pipe-line	0 0 0 0	Decision to monitor and, if necessary, make adjustments accordingly.

Table II
Progress of Program Implementation Sonoma-Gerlach Resource Area
(Continued)

Kind of Plan	Allotment/Operator	Selective Management Category	Initial Stocking Level 1/ (AUMs)	Management Objectives 1/	LIVESTOCK			WILDLIFE			Existing Use (AUMs)	Management Objectives 1/	Identified Monitoring Plan 2/ Components	Completed Monitoring Actions	RANGE IMPROVEMENT PROJECTS				Program Implementation Method
					Existing Use (AUMs)			Management Objectives 1/	Existing Use (AUMs)	Management Objectives 1/					PLANNED 3/		COMPLETED		
					Deer	Antelope	Bighorn Sheep								Units	Type	Units	Type	
South Rochester (Continued)																			
General Land Use Plan	Rawhide/ Spring Valley Cattle Co., John Darrah, Paris Bros.	C	2,721 2,139 220 362	Provide forage to sustain 2,721 AUMs for livestock grazing and improve ecological condition from poor to fair on 13,943 acres, from fair to good on 4,739 acres, and from good to excellent on 392 acres.	104	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 84 AUMs Antelope 0 AUMs Bighorn Sheep 46 AUMs Reintroduce bighorn sheep.	3,224	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian and aspen habitat 7. Wildlife habitat 8. Wild horses	Resource area monitoring plan completed.	11 miles 2 each	spring dev. fence cattle-guard	0 0 0	0 0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Diamond S/ Glenn Tipton	C	1,158	Provide forage to sustain 1,158 AUMs for livestock grazing and increase 2,177 acres from fair to good, and 37 acres from good to excellent ecological condition. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	36	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 129 AUMs Antelope 0 AUMs Bighorn Sheep 38 AUMs Reintroduce bighorn sheep.	1,346	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian and aspen habitat 7. Wild horses 8. Threatened and endangered plants 9. Wildlife and aquatic habitat	Resource area monitoring plan completed. Preliminary range study implementation completed on some sites.	1,920 acres 3,036 acres 6 miles	plow & seed reseed fence	0 0 0	0 0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Thomas Creek/ Ether Westmoreland, Carley Amos, Ralph and Julia Aitken	C	629 97 264 268	Provide forage to sustain 629 AUMs for livestock grazing and improve ecological condition from fair to good on 2,542 acres and from good to excellent on 21 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	25	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 90 AUMs Antelope 0 AUMs Bighorn Sheep 38 AUMs Reintroduce bighorn sheep.	1,185	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian habitat 7. Wild horses 8. Water quality 9. Wildlife and aquatic habitat	Resource area monitoring plan completed. Preliminary range study implementation completed on some sites.	1,280 acres	plow & seed	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Prince Royal/ Star Sheep Co., John Thacker	C	153 97 56	Provide forage to sustain 153 AUMs for livestock grazing and to improve ecological condition from fair to good on 1,287 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	58	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 47 AUMs Antelope 0 AUMs Bighorn Sheep 13 AUMs Reintroduce bighorn sheep.	400	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian habitat 7. Wild horses 8. Threatened and endangered plants 9. Wildlife habitat	Resource area monitoring plan completed. Preliminary range study implementation completed on some sites.	2,491 acres	plow & seed	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Pole Canyon/ Earl W. Batteate	C	540	Improve range condition and forage availability to sustain 540 AUMs for livestock grazing. Manage livestock grazing to increase 1,262 acres from poor to fair and 978 acres from fair to good ecological condition.	14	4	0	Provide rangeland habitat for reasonable wildlife demand as follows: Deer 15 AUMs Antelope 7 AUMs Bighorn Sheep 37 AUMs Reintroduce bighorn sheep.	1,332	Manage rangeland habitat to provide forage and sustain 1,200 AUMs for wild horses/burros. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian and aspen habitat 7. Wild horses 8. Wildlife habitat	Resource area monitoring plan completed. Selection of key management areas have been completed. Preliminary range study implementation completed on some sites.	6 miles 1 each 2 miles 4 each 1 each	fence well pipe-line troughs spring	0 0 0 0 0	0 0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Ragged Top/ Star Sheep Company John Espil	C	Re-change-of-use	Improve range condition and forage availability to sustain existing authorized levels of livestock grazing. Manage livestock grazing to manage 6,516 acres from poor to fair to good, and 517 acres from good to excellent ecological condition.	89	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 72 AUMs Antelope 0 AUMs Bighorn Sheep 0 AUMs	1,560	Remove all wild horses/burros from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat 7. Riparian and meadow habitat	Resource area monitoring plan completed.	12 miles 1 each 2 each 4 each	fence cattle-guard well trough	0 0 0 0	0 0	Decision to monitor and, if necessary, make adjustments accordingly.		

Table II
Progress of Program Implementation Sonoma-Geirach Resource Area
(Continued)

Kind of Plan	Allotment/Operator	Selective Management Category	LIVESTOCK		WILDLIFE			WILD HORSES AND BURROS		Identified Monitoring Plan 2/ Components	Completed Monitoring Actions	RANGE IMPROVEMENT PROJECTS				Program Implementation Method			
			Initial Stocking Level 1/ (AUMs)	Management Objectives 1/	Existing Use (AUMs)			Management Objectives 1/	Existing Use (AUMs)			Management Objectives 1/			PLANNED 3/		COMPLETED		
					Deer	Antelope	Bighorn Sheep					Deer	Antelope	Bighorn Sheep	Units		Type	Units	Type
General Land Use Plan	Humboldt House/ Jim Shontz, Star Sheep Co.	C	727 620 107	Provide forage to sustain 727 AUMs for livestock grazing and to improve ecological condition from poor to fair on 3,099 acres, from fair to good on 993 acres, and from good to excellent on 38 acres.	83	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 67 AUMs Antelope 0 AUMs Bighorn Sheep 23 AUMs Reintroduce bighorn sheep.	307	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian habitat 7. Wild horses 8. Wildlife habitat	Resource area monitoring plan completed. Preliminary range study implementation completed on some sites.	0	0	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Humboldt Sink/ Safford and Safford Robert T. Monroe	C	1,582 1,520 62	Provide forage to sustain 1,582 AUMs for livestock grazing and to improve ecological condition from fair to good on 12,177 acres, and from good to excellent on 310 acres.	3	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 2 AUMs Antelope 0 AUMs Bighorn Sheep 3 AUMs Reintroduce bighorn sheep.	0	In accordance with Public Law, wild horses and burros will not be maintained or relocated on lands where they do not presently exist.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat	Resource area monitoring plan completed.	7 miles	fence	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	North Buffalo/ 4/ Ellison Ranching Co., Roaring Springs Associates (Administered by the Battle Mountain District)	C	3,294 1,194 2,100	Provide forage to sustain 3,294 AUMs for livestock grazing and to improve ecological condition from fair to good on 6,297 acres, and from good to excellent on 206 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	4	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 15 AUMs Antelope 0 AUMs Bighorn Sheep 0 AUMs Administer as part of the North Buffalo Valley Allotment of the Battle Mountain District.	0	In accordance with Public Law, wild horses and burros will not be maintained or relocated on lands where they do not presently exist.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat		5,176 acres	plow & seed	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Jersey Valley/ 4/ Earl Elmer (Administered by the Carson City District)	C	2,912	Provide forage to sustain 2,912 AUMs for livestock grazing and to improve ecological condition from poor to fair on 5,787 acres, from fair to good on 86 acres, and from good to excellent on 50 acres.	59	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 48 AUMs Antelope 0 AUMs Bighorn Sheep 1 AUM Reintroduce bighorn sheep.	3,477	Manage rangeland habitat to provide forage to sustain 3,132 AUMs for wild horses. Establish a herd monitoring system.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Wildlife habitat	No monitoring plan has been completed at the present time.	1 1/2 miles	pipe-line	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Licking/ 4/ Lou Venturacci (Administered by the Battle Mountain District)	C	153	Provide forage to sustain 153 AUMs for livestock grazing and to improve ecological condition from fair to good on 727 acres, and from good to excellent on 9 acres. Combine with North Buffalo Allotment and consider as one allotment.	13	0	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 45 AUMs Antelope 0 AUMs Bighorn Sheep 0 AUMs	0	In accordance with Public Law, wild horses and burros will not be maintained or relocated on lands where they do not presently exist.	1. Ecological site condition and trend 2. Actual use 3. Climate 4. Range utilization 5. Project maintenance 6. Riparian and aspen habitat 7. Wildlife habitat		0	0	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		
General Land Use Plan	Cottonwood Canyon/ 4/ Sheldon Lamb (Administered by the Carson City District)	C	60	Provide forage to sustain 60 AUMs for livestock grazing and to improve ecological condition from poor to fair on 100 acres, and from fair to good on 349 acres. Run in conjunction with the Boyer Ranch Allotment of the Carson City District.	22	0	0	Provide rangeland habitat for reasonable numbers of wildlife as follows: Deer 18 AUMs Antelope 0 AUMs Bighorn Sheep 0 AUMs	0	In accordance with Public Law, wild horses and burros will not be maintained or relocated on lands where they do not presently exist.	Monitoring will be done in conjunction with Boyer Ranch Allotment of Carson City District.	No monitoring actions have been completed at the present time.	0	0	0	0	Decision to monitor and, if necessary, make adjustments accordingly.		

1/ The initial stocking levels for livestock and the management objectives for livestock, wildlife, wild horses and burros are those identified through the land use planning effort (MFP) unless a specific management plan (CMP, AMP, etc.) has been completed. On those allotments that do not have a specific plan developed, the base herbivore grazing levels are still negotiable through the consultation and coordination process (either formal or informal), prior to initiation of monitoring.

2/ The monitoring plan components were identified through the land use planning effort. These components will be considered in development of monitoring plans, however, in the "M" and "C" category allotments the monitoring scheme developed will be less intensive than those monitoring plans developed for "I" category allotments. This is in accordance with the Final Grazing Management Policy.

3/ The planned range improvements are those that were identified through the land use plan (MFP) except for those identified through a specific management plan. The development of these range improvements will depend on an identified need when a specific plan is actually developed. In addition, the development of those planned range improvements for "M" and "C" category allotments will be less intensive and will depend largely on private contributions for implementation.

4/ These allotments are in the Winnemucca District but are administered by other BLM Districts. Development of specific management plans, range improvements, monitoring and grazing use adjustments will be conducted by the administering district. These activities will be conducted within the constraints and/or objectives established through the Winnemucca land use plan.

ISSUANCE OF GRAZING DECISIONS

Grazing decisions will start to be issued 30 days after release of this document to make grazing use adjustments and/or to gather additional monitoring data. These decisions will implement land use planning decisions (Management Framework Plan Step III) associated with livestock grazing use. These decisions will document stocking levels, season-of-use, period-of-use, adjustments from active preference, nonuse, management issues/objectives, and criteria and procedures for determining future use adjustments through monitoring.

RESOURCE MONITORING AND EVALUATION

The objective of the monitoring program is to gather data that can be used in the planning process, in the development of CRMP and resource management plans, and in evaluating the effectiveness and impacts of land management decisions. The monitoring program will include wildlife, watershed, range, riparian, and wild horse and burro studies, and the data collected will include actual use, utilization, climatic, condition and trend studies. Condition and trend data will be collected under range studies, wildlife studies, and riparian and stream studies.

The interpretation of the monitoring results will provide a basis for decisions modifying grazing use, using range improvements, seasons-of-use, period-of-use, animal numbers, kind/class of grazing animals, etc. as management tools.

The Nevada Range Studies Task Group (1981) monitoring procedures outline the minimum basic methods that will be used in monitoring. Draft BLM Manual 4430 and 6630 presents additional monitoring methods which may be deemed appropriate.

A detailed monitoring plan was developed for the resource area in Fiscal Year (FY) 82. In FY 83 a Winnemucca District Wildlife Habitat Monitoring Plan was developed and is an addendum to the resource area's monitoring plan. These monitoring plans provide the guidance and technical direction for initiating individual allotment monitoring plans. These Resource Area plans are available for review at the Winnemucca District Office, and will be updated yearly to reflect priority changes in allotment monitoring.

Individual Allotment Monitoring Plans will be developed through the consultation and coordination process, will address the allotment-specific monitoring issues outlined in the MFP III, and must meet the minimum procedures and standards outlined by the Nevada Range Studies Task Group (1981). These individual allotment monitoring plans will address all the necessary studies (range, WH&B, wildlife, watershed, riparian, and aquatic) to effectively monitor management actions. These plans will also address the evaluation process and those management actions that may be necessary, based upon monitoring results/evaluations.

The following are the major rangeland elements to be monitored.

a. Plants

Condition - Ecological range condition will be determined for each key management area to establish a baseline for condition classification. Condition transects will be re-evaluated upon measurement of a statistically significant change in trend data to determine progress towards accomplishment of management objectives.

Trend - Studies will be conducted periodically on selected upland and significant riparian areas to determine changes in plant species composition to determine progress in meeting vegetation objectives.

Utilization - Forage and browse utilization studies will be conducted to determine the pattern of grazing use and amount of vegetation removed by grazing animals.

b. Animals

Livestock - Actual use data will be obtained from the permittee annually. These records will reflect the number and class of animals grazing each pasture and the dates livestock graze there. Additional livestock counts will be made periodically on an as-needed basis.

Wildlife - Use data will continue to be periodically updated from Nevada Department of Wildlife reports on animal populations and seasonal use patterns, in cooperation with the Winnemucca District Office.

Wild Horses and Burros - Wild horses and burros will be inventoried periodically until management numbers are reached. At that time, additional monitoring will be initiated to collect actual use (inventory), areas of use, seasonal movement patterns, sex ratios, and other facets of population dynamics, so that it can be determined if management objectives are being met.

c. Water

Water quality monitoring will be continued in accordance with BLM policies and Sections 208 and 313 of the Federal Clean Water Act.

d. Weather

Weather data will be analyzed annually to estimate the effects of crop-year precipitation on herbage yields and for correlation with forage utilization studies.

PROTEST AND APPEAL PROCEDURES

Individuals or groups who feel that their interest might be adversely affected by the proposed decisions and have so indicated in writing, may request copies of the proposed decision in person or by writing to the District Manager, Bureau of Land Management, 705 East Fourth Street, Winnemucca, Nevada 89445.

RANGELAND PROGRAM SUMMARY UPDATES

Rangeland Program Summary updates will be issued at each decision step as the range management program is implemented.

The rangeland program summary update will:

- a. update the resource conditions and management actions that have been taken,
- b. summarize the agreements negotiated to date,
- c. summarize the decisions remaining to be issued,
- d. explain other progress made to date,
 - CRMP status
 - range improvements
 - grazing systems implemented
 - monitoring
- e. discuss significant changes from the grazing program described in this RPS and give the reasons for those changes, and
- f. discuss the range program outlook.

APPROPRIATIONS

The development of the grazing management program for the Sonoma-Gerlach Resource Area will depend on adequate appropriations and manpower for implementation.

For additional information about the Sonoma-Gerlach Rangeland Management Program, please contact Gerald P. Brandvold, Sonoma-Gerlach Resource Area Manager, Winnemucca District Office, Bureau of Land Management, 705 East 4th Street, Winnemucca, Nevada 89445, or by calling (702) 623-3676.

